

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A PVR (Personal Video Recorder) system comprising:

a channel demodulating part configured to receive and demodulate a broadcasting program on a particular channel;

a storage medium configured to store the broadcasting program;

an EPG parsing part configured to extract information on the broadcasting program intended to record from a data demodulated at the channel demodulating part;

an upload/download controlling part configured to receive the broadcasting program intended to record from the channel demodulating part, to store the broadcasting program in the storage medium, to initialize identifying information for identifying a success of recording of the broadcasting program intended to record in response to an external recording signal, to control reproduction of the broadcasting program stored in the storage medium in response to an external recording/reproduction signal, to change the identifying information if the recording of the broadcasting program intended to record is successful, and to control the EPG parsing part; and

a re-recording processing part configured to store the identifying information ~~for identifying a success of recording of the broadcasting program intended to record and~~ information on the broadcasting program intended to record, and to identify the identifying information, to request re-transmission of the ~~entire~~ broadcasting program intended to record through a network ~~without requesting transmission of a partial portion of the broadcasting program that failed to record when recording of the broadcasting program intended to record fails~~ when the identification information is not changed.

2. (Previously Presented) The PVR system as claimed in claim 1, wherein the channel demodulating part includes:

a channel receiving part configured to tune to, and demodulate a broadcasting signal on a particular channel, and to forward in a form of a transport TP stream; and

a TP processing part configured to split the TP stream from the channel receiving part into an audio PES stream, a video PES stream, and a data stream.

3. (Original) The PVR system as claimed in claim 1, wherein the storage medium is a hard disc.

4. (Previously Presented) The PVR system as claimed in claim 1, wherein the information on the broadcasting program extracted at the EPG parsing part is channel information, a record starting time, and a record end time of the broadcasting program intended to record.

5. (Original) The PVR system as claimed in claim 4, wherein the record starting time is a starting time of the program intended to record if the recording is a scheduled recording, and a time when a recording/time shift button is pressed if the recording is a direct recording or a time shift.

6. (Currently Amended) The PVR system as claimed in claim 1, wherein the upload/download controlling part is further configured to initialize the identifying information

including a recording flag value at the re-recording processing part to a first identifying information value in response to ~~an~~the external recording signal, to set the first identifying information value to a second identifying information value if the recording of the broadcasting program intended to record is successful, and to maintain the first identifying value as it is if the recording of the broadcasting program intended to record fails.

7. (Previously Presented) The PVR system as claimed in claim 6, wherein the upload/download controlling part is further configured to set the first identifying information value to '1', and to reset the second identifying information value to '0'.

8. (Currently Amended) The PVR system as claimed in claim 1, wherein the re-recording processing part includes:

a recording parameter storage part configured to store the identifying information ~~for identifying success of recording of the broadcasting program intended to record,~~ and information on the broadcasting program intended to record; and

a network interface part configured to identify the identifying information, to request the re-transmission of the ~~entire~~ broadcasting program intended to record through the network when recording of the broadcasting program intended to record fails.

9. (Original) The PVR system as claimed in claim 8, wherein the recording parameter storage part is a ROM (read-only memory).

10. (Previously Presented) The PVR system as claimed in claim 8, wherein the recording parameter storage part includes one bit of an identifying information field, 20 bits of a record starting time field, 20 bits of a record end time field, and 7 bits of a channel information field.

11. (Previously Presented) The PVR system as claimed in claim 10, wherein the record starting time field, or the record end time field includes 4 bits of a month field, 5 bits of a day field, 5 bits of an hour field, and 6 bits of a minute field.

12. (Original) The PVR system as claimed in claim 8, wherein the network interface part is a LAN or a MODEM.

13. (Previously Presented) The PVR system as claimed in claim 8, wherein the network interface part is further configured to be connected to a program server or a broadcasting station for communication.

14. (Currently Amended) A method for recording a video in a PVR (Personal Video Recorder) system having a storage medium for storing a broadcasting program intended to record, and a re-recording processing part having a recording parameter storage part and a network interface part, the method comprising:

setting a recording parameter field at the recording parameter storage part, storing information on the broadcasting program intended to record and identifying information for

identifying a success of recording of the broadcasting program in the recording parameter field, according to a user's recording setting information;

writing the broadcasting program on the storage medium according to the information on the broadcasting program;

changing the identifying information if the recording of the broadcasting program is successful;

determining the success of recording of the broadcasting program according to whether the identifying information is changed; and

if the recording of the broadcasting program fails as a result of the determination, requesting re-transmission of the ~~entire~~ broadcasting program intended to record through the network interface part ~~without requesting transmission of a partial portion of the broadcasting program that failed to record.~~

15. (Previously Presented) The method as claimed in claim 14, wherein the user's recording setting information is information related to at least one of a recording operation, a scheduled recording operation, and a time shift operation.

16. (Previously Presented) The method as claimed in claim 14, wherein the recording parameter field includes one bit of an identifying information field, 20 bits of a record starting time field, 20 bits of a record end time field, and 7 bits of a channel information field.

17. (Previously Presented) The method as claimed in claim 16, wherein the record starting time field, or the record end time field includes 4 bits of a month field, 5 bits of a day field, 5 bits of an hour field, and 6 bits of a minute field.

18. (Previously Presented) The method as claimed in claim 14, wherein the broadcasting program information includes channel information, a record starting time, and a record end time of the recording program, and the record starting time is a starting time of the program intended to record in a case of the scheduled recording, and a time when a recording/time shift button is pressed in a case of a direct recording or a time shift operation.

19. (Currently Amended) The method as claimed in claim 14, further comprising:

(a) determining a successive recording of the broadcasting program intended to record;
and

(b) changing ~~an~~the identifying information value stored in the recording parameter storage part if the recording is successful as a result of the determination, and maintaining the identifying information value stored in the recording parameter storage part as it is if the recording fails, after the step of writing the broadcasting program on the storage medium.

20. (Previously Presented) The method as claimed in claim 19, wherein the step (b) further includes :

resetting the identifying information value set to '1' at the recording parameter storage part to '0' if the recording is successful as a result of the determination; and

maintaining the identifying information value set to '1' at the recording parameter storage part as it is if the recording fails.

21. (Previously Presented) The method as claimed in claim 19, further comprising changing the identifying information value stored in the recording parameter storage part if there is a user's record stop request.

22. (Previously Presented) The method as claimed in claim 19, further comprising maintaining the identifying information values of the broadcasting programs other than one program to be '1' if the user requests writing of more than one program at the same time.

23. (Previously Presented) The method as claimed in claim 14, further comprising:
transmitting information on the broadcasting program having recording thereof failed to a program server or a broadcasting station; and

re-receiving the broadcasting program having recording thereof failed from the program server or the broadcasting station, and writing the broadcasting program having recording thereof failed, after the step of requesting re-transmission of the broadcasting program intended to record through the network interface part.

24. (Original) The method as claimed in claim 23, wherein the information on the transmitted broadcasting program is a program ID for matching to the program.

25-26. (Canceled).

27. (Previously Presented) The method as claimed in claim 14, further comprising:

if the recording of the broadcasting program fails as a result of the determination, renewing the information on the broadcasting program stored in the recording parameter storage part.

28. (Previously Presented) The method as claimed in claim 27, wherein the step of renewing the information on the broadcasting program stored in the recording parameter storage part further includes:

re-receiving program related information from the program server or the broadcasting station; and

overwriting the program related information on a relevant position of the recording parameter storage part, and scheduling writing of the program automatically by using a stored record starting time, and a record end time.

29. (Previously Presented) The method as claimed in claim 28, wherein the overwritten program related information includes channel information, a record starting time, and a record end time of a recording program.

30. (Previously Presented) The PVR system as claimed in claim 1, wherein the re-recording processing part renews the information on the broadcasting program intended to record.